



JAN 1 2 2005

SonoSite, Inc. 21919 30th Drive SE Bothell, WA 98021-3904 USA

Telephone:1.425.961.1200 Facsimile:1.425.961.1201 www.sonosite.com

510(K) Summary of Safety and Effectiveness

This summary of safety and effectiveness is provided as part of this Premarket Notification in compliance with 21 CFR, Part 807, Subpart E, Section 807.92.

1) Submitter's name, address, telephone number, contact person:

SonoSite, Inc. 21919 30th Drive SE Bothell, WA 98021-3904

Corresponding Official:

Daina L. Graham

Vice President, Regulatory Affairs and Quality Assurance

E-mail:

Daina.Graham@sonosite.com

Telephone:

(425) 951-1275 (425) 951-1201

Facsimile: Date prepared:

December 9, 2004

2) Name of the device, including the trade or proprietary name if applicable, the common or usual name, and the classification name, if known:

Common/ Usual Name

Diagnostic Ultrasound System with Accessories

Proprietary Name

SonoSite High-Resolution Ultrasound System (C3 Series) (subject to change)

Classification Names

Name	FR Number	Product Code
Ultrasonic Pulsed Doppler Imaging System	892.1550	90-IYN
Ultrasonic Pulsed Echo Imaging System	892.1560	90-IYO
Diagnostic Ultrasound Transducer	892.1570	90-ITX
Picture Archiving And Communications System	892.2050	90-LLZ

3) Identification of the predicate or legally marketed device:

SonoSite, Inc. believes that the System described in this Submission is substantially equivalent to a combination of the SonoSite TITAN™ Ultrasound System (K030949), Philips Ultrasound HDI® 5000 Ultrasound System (K011224), the GE LOGIQ 9 Diagnostic Ultrasound System (K011188) and the Sièmens OMNIA X/XS Diagnostic Ultrasound System (K020353).

4) Device Description:

The SonoSite High-Resolution Ultrasound System (C3 Series) is a full featured, general purpose, software controlled, diagnostic ultrasound system used to acquire and display high-resolution, real-time ultrasound data in 2D, M-Mode, Pulsed Wave (PW) Doppler, Continuous Wave (CW) Doppler, Color Power Doppler, and Velocity Color Doppler or in a combination of these modes.

The System has an electrocardiography (ECG) display feature and supports a 3-lead ECG cable assembly to collect data for M-mode and Doppler measurements. The System provides measurement capabilities for anatomical structures and fetal biometry that provide information used for clinical diagnostic purposes. The System has a PW and CW Doppler audio output feature and cine review, image zoom, labeling, biopsy, measurements and calculations, image storage and review, printing, and recording capabilities.

The system includes the ability to measure the intima-media thickness (IMT) of the carotid artery using digital ultrasound images. The IMT measurement of the carotid artery may be used adjunctively with other medical data obtained by a physician to help assess the cardiovascular health of a patient.

The system includes Digital Imaging and Communications (DICOM) capabilities as well as general computer communication capabilities to provide the acceptance, transfer, display, storage, and digital processing of ultrasound images and loops. Security support is also provided to facilitate HIPAA compliance.

The SonoSite High-Resolution Ultrasound System (C3 Series) is designed to accept curved or linear transducers of the types and frequency listed in the table below. All actions affecting the performance of the transducer are activated from the main system control panel.

Frequency Range:	2.0 - 12.0 MHz
Transducer Types:	Linear array
	Curved array
	Intracavitary array
	Phased array
	Static probes

The SonoSite High-Resolution Ultrasound System (C3 Series) is designed to comply with the standards listed below.

Reference no.	Title
EN 540	Clinical investigation of medical devices for human subjects (1993)
EN 980 A1	Graphical symbols for use in the labeling of medical devices (2003)
EN 1041	Information supplied by the manufacturer with medical devices (1998)
EN ISO 13485	Medical devices – Quality management systems – Requirements for regulatory
	purposes (2003)
EN ISO 14971	Medical devices – Application of risk management to medical devices (2000)
	(ISO 14971:2000) (Superseded standard: EN 1441)
EN ISO 10993-1	Biological evaluation of medical devices - Part 1: Evaluation and testing (1997)
[(ISO 10993-1:1997)
EN 60601-1	Medical electrical equipment. Part 1: General requirements for safety - IEC 601-
	1:1988
EN 60601-1	Medical electrical equipment. Part 1: General requirements for safety - IEC 601-

Reference no.	Title
Amendment A1	1:1988/A1:1991
EN 60601-1	Medical electrical equipment. Part 1: General requirements for safety - IEC 601-
Amendment A2	1:1988/A2:1995 + corrigendum June 1995
EN 60601-1-1	Medical electrical equipment. Part 1: General requirements for safety - 1. Collateral
	standard: Safety requirements for medical electrical systems (2001) (IEC 601-1-1:2001)
EN 60601-1-2	Medical electrical equipment – Part 1: General requirements for safety; 2. collateral standard: electromagnetic compatibility; requirements and tests (2001) (IEC 60601-1-2:2001)
EN 60601-2-37	Medical electrical equipment Part 2-37: Particular requirements for the safety of ultrasonic medical diagnostic and monitoring equipment (2001) (IEC 60601-2-37:2001)
-	Medical Ultrasound Safety, American Institute of Ultrasound in Medicine (AIUM), 1994
-	Acoustic Output Measurement and Labeling Standard for Diagnostic Ultrasound Equipment, American Institute of Ultrasound in Medicine, 1993
-	Standard for Real-Time Display of Thermal and Mechanical Acoustic Output Indices on Diagnostic Ultrasound Equipment, American Institute of Ultrasound in Medicine, 1998
ANSI/AAMI EC53:1995	ECG Cables and Electrodes except for sections 4.4 and 4.5.9
ASTM D5276-98	Standard Test Methods for Drop Test of Loaded Containers by Free Fall
ASTM D999-96	Standard Methods for Vibration Testing of Shipping Containers
CEI/IEC 61157:1992	International Electrotechnical Commission, Requirements for the Declaration of the Acoustic Output of Medical Diagnostic Ultrasonic Equipment
D00017	Quality System Manual (SonoSite)
EN 60529	Degrees of protection provided by enclosures (IP Code) (1991
ISO 9001: 1994	Quality Systems – Model for quality assurance in design, development, production, installation and servicing
JIS T 0601-1	Medical Electrical Equipment – Part 1: General Requirements for Safety (Japan) (1999)
JIS T 1507	Electronic Linear Scanning Ultrasonic Diagnostic Equipment (Japan) (1989)
NEMA UD 2-2004	Acoustic Output Measurement Standard for Diagnostic Ultrasound Equipment
NEMA UD 3-2004	Standard for Real-Time Display of Thermal and Mechanical Acoustic Output Indices on Diagnostic Ultrasound Equipment, American Institute of Ultrasound in Medicine
RTCA/DO160D:1997	Radio Technical Commission for Aeronautics, Environmental Conditions and Test Procedures for Airborne Equipment, Section 21.0 Emission of Radio Frequency Energy, Category B
Title 21 CFR Part 820	Quality System Regulation – Medical Devices: Current Good Manufacturing Practice (CGMP); Final Rule
UL 60601-1	Underwriters Laboratories, Medical Electrical Equipment-Part 1: General Requirements for Safety (2003)
ACR-NEMA DICOM	Digital Imaging and Communications in Medicine
version 3.0 - 2003	

5) Intended Use:

The intended uses of the SonoSite High-Resolution Ultrasound System (C3 Series) as defined by FDA guidance documents, are:

Fetal - OB/GYN	Trans-rectal
Abdominal	Trans-vaginal
Intra-operative	
(Abdominal organs and vascular)	Trans-urethral
Intra-operative (Neuro.)	Musculo-skel. (Conventional)
Laparoscopic	Musculo-skel. (Superficial)
Pediatric	Cardiac Adult
Small Organ	
(breast, thyroid, testicles.)	Cardiac Pediatric
Neonatal Cephalic	Trans-esophageal (card.)
Adult Cephalic	Peripheral vessel

Typical examinations performed using the SonoSite High-Resolution Ultrasound System (C3 Series) are:

Abdominal Imaging Applications

This system transmits ultrasound energy into the abdomen of patients using 2D, M Mode, color Doppler (Color), color power Doppler (CPD), Tissue Harmonic Imaging (THI), and pulsed wave (PW) Doppler to obtain ultrasound images. The liver, kidneys, pancreas, spleen, gallbladder, bile ducts, transplanted organs, abdominal vessels, and surrounding anatomical structures can be assessed for the presence or absence of pathology transabdominally.

Cardiac Imaging Applications

This system transmits ultrasound energy into the thorax of patients using 2D, M Mode, color Doppler (Color), Tissue Harmonic Imaging (THI), pulsed wave (PW) Doppler, and continuous wave (CW) Doppler to obtain ultrasound images. The heart muscle, cardiac valves, great vessels, and surrounding anatomical structures can be assessed for, overall cardiac performance, size, fluid, and the presence or absence of pathology. Quanitification of size, function, and hymodynamic performance can also be assessed. The heart can be imaged transthoracicly or transesophagelly. Transesophageal imaging can be used to monitor the heart during surgical procedures such as cardiac bypass or valve replacements.

The patient's electrocardiogram (ECG) may be obtained and is used for accurate timing of diastolic and systolic function.

Warning: The ECG is not used to diagnose cardiac arrhythmias and is not designed for long term cardiac rhythm monitoring.

Gynecology and Infertility Imaging Applications

This system transmits ultrasound energy in the pelvis and lower abdomen using 2D, M Mode, color power Doppler (CPD), color Doppler (Color)Tissue Harmonic Imaging (THI), and pulsed wave (PW) Doppler to obtain ultrasound images. The uterus, ovaries, adnexa, and surrounding anatomical structures can be assessed for the presence or absence of pathology transabdominally or transvaginally.

Interventional and Intraoperative Imaging Applications

This system transmits ultrasound energy into the various parts of the body using 2D, M-Mode, color Doppler (Color), color power Doppler (CPD), Tissue Harmonic Imaging (THI), and pulsed wave (PW) Doppler to obtain ultrasound images that provide guidance during interventional and intraoperative procedures. This system can be used to provide ultrasound guidance for biopsy and drainage procedures, vascular line placement, peripheral nerve blocks, ova harvesting, amniocentesis and other obstetrical procedures, and provide assistance during abdominal, vascular, and neurological intraoperative procedures.

Warning: This system is not intended for use in providing guidance for central nerve blocks, i.e., the brain and spinal cord, or for ophthalmic applications.

Obstetrical Imaging Applications

This system transmits ultrasound energy into the pelvis of pregnant women using 2D, M Mode, color Doppler (Color), color power Doppler (CPD), Tissue Harmonic Imaging (THI), and pulsed wave (PW) Doppler to obtain ultrasound images. The fetal anatomy, viability, estimated fetal weight, gestational age, amniotic fluid, and surrounding anatomical structures can be assessed for the presence or absence of pathology transabdominally or transvaginally. CPD and color Doppler (Color) imaging is intended for high-risk pregnant women. High-risk pregnancy indications include, but are not limited to, multiple pregnancy, fetal hydrops, placental abnormalities, as well as maternal hypertension, diabetes, and lupus.

Warning: To prevent injury or misdiagnosis do not use this system for Percutaneous
Umbilical Blood Sampling (PUBS) or *in vitro* Fertilization (IVF) The system has not
been validated to be proven effective for these two uses.

CPD, or Color images can be used as an adjunctive method, not as a screening tool,
for the detection of structural anomalies of the fetal heart and as an adjunctive
method, not as a screening tool for the diagnosis of Intrauterine Growth
Retardation (IUGR).

Pediatric and Neonatal Imaging Applications

This system transmits ultrasound energy into the pediatric or neonatal patients using 2D, M Mode, color Doppler (Color), color power Doppler (CPD), pulsed wave (PW) Doppler, and continuous wave (CW) Doppler to obtain ultrasound images. The pediatric abdominal, pelvic and cardiac anatomy, pediatric hips, neonatal heads, and surrounding anatomical structures can be assessed for the presence or absence of pathology.

Prostate Imaging Applications

This system transmits ultrasound energy into the prostate of an adult male using 2D, M Mode, color power Doppler (CPD), and pulsed wave (PW) Doppler to obtain ultrasound images. The prostate gland can be assessed for the presence or absence of pathology.

Superficial Imaging Applications

This system transmits ultrasound energy into various parts of the body using 2D, M Mode, color Doppler (Color), color power Doppler (CPD), and pulsed wave (PW) Doppler to obtain ultrasound images. The breast, thyroid, testicle, lymph nodes, hernias, musculoskeletal structures, soft tissue structures, and surrounding anatomical structures can be assessed for the presence or absence of pathology. This system can be used to provide ultrasound guidance for biopsy and drainage procedures, vascular line placement, and peripheral nerve blocks.

Warning: This system is not intended for use in providing guidance for central nerve blocks, i.e., the brain and spinal cord, or for ophthalmic applications.

Vascular Imaging Applications

This system transmits ultrasound energy into the various parts of the body using 2D, M Mode, color Doppler (Color), color power Doppler (CPD), and pulsed wave (PW) Doppler to obtain ultrasound images. The carotid arteries, deep veins in the arms and legs, superficial veins in the arms and legs, great vessels in the abdomen, and various small vessels feeding organs can be assessed for the presence or absence of pathology.

6) Technological Characteristics:

This device operates identically to the predicate devices in that piezoelectric material in the transducer is used as an ultrasound source to transmit sound waves into the body. Sound waves are reflected back to the transducer and converted to electrical signals that are processed and displayed as 2D or M-mode images. Doppler shift caused by blood flow is displayed as Color Flow, or as spectrum analysis. The modes of this device (2D, PW Doppler, CW Doppler, velocity color Doppler, Color Power Doppler, and duplex imaging) are the same as a combination of the predicate devices identified in item 3. Transducer patient contact materials are biocompatible.

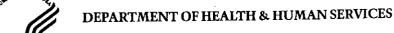
This device conforms to the Standard for Real-Time Display of Thermal and Mechanical Acoustic Output Indices on Diagnostic Ultrasound Equipment (AIUM/NEMA UD 3-2004) for an on-screen display feature that provides information on potential thermal and cavitation bioeffect mechanisms. A user education program provides additional information so users may moderate the system's acoustic output in accordance with the ALARA (as low as reasonably achievable) principle.

The device's acoustic output limits are:

All applications:

I _{SPTA} (d)	720 mW/cm² (Maximum)
TIs/Tib/Tic	0.1 - 4.0 (Range)
Mechanical Index (MI)	1.9 (Maximum)
I _{SPPA} (d)	0 - 700 W/cm² (Range)

The limits are the same as predicate Track 3 devices.





Food and Drug Administration 9200 Corporate Boulevard Rockville MD 20850

JAN 1 2 2005

SonoSite, Inc.
% Mr. Mark Job
Responsible Third Party Official
Regulatory Technology Services LLC
1394 25th Street NW
BUFFALO MN 55313

Re: K043559

Trade Name: SonoSite High-Resolution Diagnostic Ultrasound System (C3 Series)

Regulation Number: 21 CFR 892.1550

Regulation Name: Ultrasonic pulsed doppler imaging system

Regulation Number: 21 CFR 892.1560

Regulation Name: Ultrasonic pulsed echo imaging system

Regulation Number: 21 CFR 892.1570

Regulation Name: Diagnostic ultrasonic transducer

Regulatory Class: II

Product Code: 90 IYN, IYO, and ITX

Dated: December 20, 2004 Received: December 27, 2004

Dear Mr. Job:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

This determination of substantial equivalence applies to the following transducers intended for use with the SonoSite High-Resolution Diagnostic Ultrasound System (C3 Series), as described in your premarket notification:

Transducer Model Number

2MHZ Doppler Pencil C8/8-5

C11/8-5C15/4-2C60/5-2C60e/5-2 HFL38/12-5 HST/10-5 HST/12-7 HST/12-8 ICT/8-5 LAP/10-5 L25/10-5 L38/10-5 L38e/10-5 L52/10-5 L52-S/10-5 MPT/<u>7-4</u> P/4-2P/7-4

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the <u>Federal Register</u>.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This determination of substantial equivalence is granted on the condition that prior to shipping the first device, you submit a postclearance special report. This report should contain complete information, including acoustic output measurements based on production line devices, requested in Appendix G, (enclosed) of the Center's September 30, 1997 "Information for Manufacturers Seeking Marketing Clearance of Diagnostic Ultrasound Systems and Transducers." If the special report is incomplete or contains unacceptable values (e.g., acoustic output greater than approved levels), then the 510(k) clearance may not apply to the production units which as a result may be considered adulterated or misbranded.

The special report should reference the manufacturer's 510(k) number. It should be clearly and prominently marked "ADD-TO-FILE" and should be submitted in duplicate to:

Food and Drug Administration Center for Devices and Radiological Health Document Mail Center (HFZ-401) 9200 Corporate Boulevard Rockville, Maryland 20850

This letter will allow you to begin marketing your device as described in your premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus permits your device to proceed to market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (240) 276-0120. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address http://www.fda.gov/cdrh/dsma/dsmamain.html

If you have any questions regarding the content of this letter, please contact Rodrigo C. Perez at (301) 594-1212.

Sincerely yours,

Vain a Symm Nancy C. Brogdon

Director, Division of Reproductive, Abdominal and Radiological Devices

Office of Device Evaluation

Center for Devices and Radiological Health

Enclosure(s)

Table 4.3- 1 Diagnostic Ultrasound Indications for Use Form - C3 System

System:	SonoSite High-F	Resolutio	n Ultr	asound	Syste	m (C3 S	eries)					
ransducer:	N/A											
ntended Us	e: Diagnostic ultras	agnostic ultrasound imaging or fluid flow analysis of the human body as										
(Ittoriada es	follows:											
Clinica	l Application				Viode o	of Opera						
General	Specific					Color	Combined	Other				
(Track I only)	(Tracks I & III)	В	М	PWD	CWD	Doppler	(Spec.)	(Spec.)				
Ophthalmic	Ophthalmic											
				T			B+M; B+PWD;	Note 1				
	Fetal	N	N	N		N	B+CD B+M: B+PWD:	140(6 1				
	Abdeminel	N	N	N	N	N I	B+CWD; B+CD	Note 1				
	Abdominal Intra-operative			- ''-		1						
	(Abdominal organs and		•			1	B+M; B+PWD;					
	vascular)	N	N	N		N	B+CD	Note 1				
							B+M; B+PWD;	Main 1				
	Intra-operative (Neuro.)	<u>N</u>	N	N_		N	B+CD B+M; B+PWD;	Note 1				
		A-1	N	l N	1	N	B+M; B+PVVD;	Note 1				
Fetal Imaging	Laparoscopic	N	<u> </u>	1	 	 	B+M; B+PWD;					
& Other	Pediatric	N	N	l N	N	N	B+CWD; B+CD	Note 1				
& Other	Small Organ (breast,				1		B+M; B+PWD;					
	thyroid, testicles)	N	N	l N		N	B+CD	Note 1				
	atyroid, testiolosy						B+M; B+PWD;	Ninta 4				
	Neonatal Cephalic	<u>N</u>	N	N_	<u> </u>	N	B+CD	Note 1				
				N		N	B+M; B+PWD; B+CD	Note 1				
	Adult Cephalic	N	N	IN IN		1	B+M; B+PWD					
	Trans-rectal	N	N	l N		N	B+CD	Note 1				
	Hans-rectar		+`	† · · · · ·	1		B+M; B+PWD;					
	Trans-vaginal	N	N	N_		N	B+CD	Note 1				
	Trans-urethral]								
	Trans-esoph. (non-Card.)		<u> </u>				1 2.44 0 245					
		N.	1	l N		N	B+M; B+PWD; B+CD	Note 1				
	Musculo-skel. (Convent.)	N N	N	+ N	 	IN	B+M; B+PWD;	11010 1				
	Musculo-skel. (Superfic.)	N	l N	N		N	B+CD	Note 1				
	Intra-luminal		1	1		1						
	Other (spec.)		1	1								
	0.1.0. (0.00.)		+				B+M; B+PWD;					
	Cardiac Adult	N	N	N	N	N	B+CWD; B+CD	Note 1				
					[,		B+M; B+PWD;	Note 1				
Cardiac	Cardiac Pediatric	N	N_	N	N N	N N	B+CWD; B+CD B+M; B+PWD;	Note				
	Trans apphages (cord)	N	N	l N	N	N	B+CWD; B+CD	Note 1				
	Trans-esophageal (card.) Other (spec.)		 - '*	 	 '''	 						
	Otrier (Spec.)	 	+	+	+	+ -	B+M: B+PWD:					
Peripheral	Peripheral vessel	N	N	N		N	B+CD	Note 1				
Vessel	Other (spec.)	1	1									

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures, and picture archiving, communications and storage functionality were all previously cleared in K030949. An expanded intended use for imaging guidance for peripheral nerve blook procedures was previously cleared in K033367.

Damel U.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices 510(k) Number

Table 4.3- 2 Diagnostic Ultrasound Indications for Use Form - 2 MHz Doppler Pencil

System:		SonoSite High-Resolution Ultrasound System (C3 Series)								
Transducer:	Doppler Pencil	ler Pencil Transducer 2.0 MHz Dual Element Circular Array								
Intended Use	e:	Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:								
Clinical	Αp	plication			R	Aode c	f Operat	ion		
General		Specific					Color	Combined	ed Other	
(Track I only)		(Tracks I & III)	В_	М	PWD	CWD	Doppler	(Spec.)	(Spec.)	
Ophthalmic		Ophthalmic								
Opinaria		Fetal								
		Abdominal		1	1					
		Intra-operative								
	(Ab	dominal organs and								
	,	vascular)			<u> </u>				 	
	Intra	a-operative (Neuro.)					ļ		ļ	
Fetal Imaging		Laparoscopic								
& Other		Pediatric		ļ	ļ		 			
		nall Organ (breast,		1			İ			
		hyroid, testicles.)		ļ	ļ. —	ļ <u>-</u>		.,, -,,,-	 	
		leonatal Cephalic				ļ	 			
		Adult Cephalic		ļ	 	 	├──		+	
		Trans-rectal		1		 	 		- -	
		Trans-vaginal		 	 	 			 	
		Trans-urethral			 	 			 	
	1	rans-esoph. (non-		1	1.				ļ	
		Card.) Musculo-skel		┨	1	 	1		<u> </u>	
		(Convent.)					1 1			
		Musculo-skel		 	 	\dagger				
		(Superfic.)								
		Intra-luminal		1		 				
	— —	Other (spec.)		T						
.,,	i —	Cardiac Adult		 	<u> </u>	N				
Cardiac	1	Cardiac Pediatric		†	1	N	<u> </u>			
04,4140		Frans-esophageal	-	 	1		1			
	Ì	(card.)			1	l				
		Other (spec.)								
Peripheral	—	Peripheral vessel								
Vessel		Other (spec.)								

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

Table 4.3- 3 Diagnostic Ultrasound Indications for Use Form – C8/8-5 Transducer

System:	SonoSite High	SonoSite High-Resolution Ultrasound System (C3 Series) C8/8-5 8.0-5.0 MHz Curved Array Transducer								
Transducer	C8/8-5 8.0-5.0	MHz	Curve	ed Arra	y Trans	sducer				
Intended Us		asoui	nd ima	aina or	fluid fl	ow analy	sis of the hun	nan		
interided Os	body as follow			·9···9			,			
011.11		<u>J.</u>			Anda c	of Opera	tion			
	l Application			Į.	noue c		Combined	Other		
General	Specific	В	м	PWD	cwo	Color Doppler	(Spec.)	(Spec.)		
(Track I only)	(Tracks I & III)	В	ĮVI	FVVD	CVVD	Doppier	(Opec.)	(Opco.)		
Ophthalmic	Ophthalmic						B+M; B+PWD;			
				_{*1}		N	B+M; B+PVVD,	Note 1		
	Fetal	<u>N</u> _	N	N	 	IN	B+CD	140(6-1		
	Abdominal		<u> </u>	 	 					
	Intra-operative					1				
	(Abdominal organs and		ŀ							
	vascular)			 	<u> </u>	 				
Cotol Imperior	Intra-operative (Neuro.) Laparoscopic		1	 		 				
Fetal Imaging	Pediatric			 		1				
& Other	Small Organ (breast,		1	 	 		1			
	thyroid, testicles.)				i	•				
	Neonatal Cephalic		1	 						
	Adult Cephalic			1	† <u> </u>					
	11001100						B+M; B+PWD;			
	Trans-rectal	N	N	N	l	N	B+CD	Note 1		
							B+M; B+PWD;			
l	Trans-vaginal	N	N	N		N	B+CD	Note 1		
	Trans-urethral				<u> </u>			ļ		
	Trans-esoph. (non-				1					
	Card.)	***	ļ		 	ļ <u> </u>				
1	Musculo-skel.									
	(Convent.)		 		 	 	ļ	 		
	Musculo-skel.	Į.								
	(Superfic.)		 	 	+					
	Intra-luminal Other (spec.)				 		· · · · · · · · · · · · · · · · · · ·			
	Other (spec.)	 		+	 	<u> </u>	1			
	Cardiac Adult		+	_	4	 				
Cardiac	Cardiac Pediatric	.		 		-		1		
	Trans-esophageal									
	(card.)			 	 	+	 	 		
	Other (spec.)		4	- 	1			 		
Peripheral	Peripheral vessel		 		 	 	 	 		
Vessel	Other (spec.)	1	1	1	i	Į.		1		

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures was cleared in K030949.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number ...

Table 4.3- 4 Diagnostic Ultrasound Indications for Use Form - C11/8-5 Transducer

System:	SonoSite High	-Reso	lution	Uitraso	ound S	ystem (0	C3 Series)	
Transducer:	C11/8-5 8.0-5	.0 MH	z Cur	ved Arr	ay			
Intended Us		asoun	d ima	aina or	fluid flo	ow analy	sis of the hun	nan
intended 05	body as follow			JJ			,	
		3 .				50	A!	
Clinica	Application				node o	f Opera		0.1
General	Specific	_	• •	PWD	CWD	Color	Combined	Other (Spec.)
(Track I only)	(Tracks I & III)	В	M	PVVD	CVVD	Doppler	(Spec.)	(Spec.)
Ophthalmic	Ophthalmic							
	Fetal			ļ :			B+M; B+PWD;	
]			B+CWD;	
	Abdominal	N	N	N	N	N	B+CD	Note 1
	Intra-operative		,,		<u> </u>	,,		
	(Abdominal organs and						B+M; B+PWD;	
	vascular)	N	N	N		N	B+CD	Note 1
							B+M; B+PWD;	
	Intra-operative (Neuro.)	N	N	N_		N	B+CD	Note 1
Fetal Imaging	Laparoscopic						2.44 2.545	
							B+M; B+PWD;	
	0 00.435		N	N	l N	N	B+CWD; B+CD	Note 1
& Other	Pediatric Small Organ (breast,	N	<u> </u>	I N	N	14	BYCU	NOLE
ĺ	thyroid, testicles)							
	triyroid, testicles)			 			B+M; B+PWD;	
	Neonatal Cephalic	N	N	N		N	B+CD	Note 1
	11001latal Ospitalio	.,,		1				
	Adult Conholic							
	Adult Cephalic Trans-rectal				 			
	Trans-vaginal			 	 			
	Trans-urethral							
	Trans-esoph. (non-		-					
	Card.)	!						
	Musculo-skel.							
	(Convent.)				<u> </u>			
	Musculo-skel.							
	(Superfic.)			 	 			
	Intra-luminal		 	 	<u> </u>	 		
	Other (spec.)		ļ	-	-			<u> </u>
·	Cardiac Adult				 	 	B+M; B+PWD;	
							B+CWD;	
Cardiac	Cardiac Pediatric	N	N	N	N	N	B+CD	Note 1
Cardiac	Trans-esophageal		- 		†			
	(card.)							
	Other (spec.)			1				
							B+M; B+PWD;	
Peripheral	Peripheral vessel	N.	N	N		N	B+CD	Note 1
Vessel	Other (spec.)							

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures was previously cleared in 510(k) K030949. An expanded intended use for imaging guidance for peripheral nerve block procedures was previously cleared in K033367. procedures was previously cleared in K033367. (Division Sign-Off) Division of Reproductive, Abdominal,

Prescription Use (Per 21 CFR 801.109)

and Radiological Devices 510(k) Number ____

Section 4.3

of 905 pages 27

Table 4.3- 5 Diagnostic Ultrasound Indications for Use Form - C15/4-2 Transducer

Table 4.3- 5	Diagnostic Ultrasou							
System:	SonoSite High	-Reso	lution	Ultraso	ound S	ystem (C	3 Series)	
Transducer:	C15/4-2 4.0-2	.0 MH	z Cun	<u>red Arr</u>	ay			
Intended Us		asoun	d ima	aina or	fluid fle	ow analy	sis of the hum	an [
intended Os	body as follow	c.	— ,	, ,		-		J
		<u>s.</u>			Jodo c	f Opera	tion	
Clinica	l Application			<u> </u>	noue c	Color	Combined	Other
General	Specific			PWD	cwo	Doppler	(Spec.)	(Spec.)
(Track I only)	(Tracks I & III)	В	M	PVVD	CVVD	Doppiei	(Opco.)	(0000.7
Ophthalmic	Ophthalmic				-		B+M; B+PWD;	
						N	B+CD	Note 1
	Fetal	_ N	N_	N_	 	17	B+M; B+PWD;	110.0
		i]			B+CWD:	
	8 L. d	N	N	N	N	N	B+CD	Note 1
	Abdominal			- ''-	 _	<u> </u>		
	Intra-operative (Abdominal organs and				1		B+M; B+PWD;	
l	(Abdominal organs and vascular)	N	N	N		N	B+CD	Note 1
	Intra-operative (Neuro.)							
Fetal Imaging	Laparoscopic							
retai iillaging	Lapsivoor						B+M; B+PWD;	
& Other	Pediatric	N	N	N	ļ	N N	B+CD	Note 1
<u> </u>	Small Organ (breast,			ļ		1	B+M; B+PWD;	Mate 1
	thyroid, testicles.)	N	N	N N		N N	B+CD	Note 1
						l N	B+M; B+PWD; B+CD	Note 1
	Neonatal Cephalic	N	N_	N .		N.	B+M, B+PWD;	14010 1
			١.,	l N		N	B+CD	Note 1
	Adult Cephalic	<u>N</u>	N N	N		 	1	
	Trans-rectal				 	 		
	Trans-vaginal		 	 		 	 	
ļ	Trans-urethral Trans-esoph. (non-		 		 	<u> </u>		
	Card.)	L	-	1				
	Musculo-skel.				T		B+M; B+PWD;	
	(Convent.)	N	N	N		N	B+CD	Note 1
	Musculo-skel.						[
	(Superfic.)						 	
	Intra-luminal							
	Other (spec.)	l	1					
							B+M; B+PWD;	
		Į.		1			B+CWD;	Note 1
1	Cardiac Adult	N	N.	N N	N	N.	B+CD B+M; B+PWD;	INOTE
		1		1			B+M, B+PVD,	
i		١.,	N.	N	N	N	B+CD	Note 1
Cardiac	Cardiac Pediatric	N	N_	111	- 14	- '' -		
1	Trans-esophageal	1				1		1
	(card.) Other (spec.)	 	 	+				
	Other (spec.)	+	+	_			B+M; B+PWD;	
Desimboses	Peripheral vessel	N	N	N_		N	B+CD	Note 1
Peripheral	Other (cose)	 '' '	+- '' -	<u>'</u> -	1			

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures was previously cleared in 510(k) K030949.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices 510(k) Namber of 905 pag

Indications for Use

Table 4.3- 6 Diagnostic Ultrasound Indications for Use Form - C60/5-2 Transducer

System:	SonoSite High	-Reso	lution	Ultrasc	ouna S	ystem (c	,3 Selies)	
Transducer:	C60/5-2 5.0-2.	<u>0 MHz</u>	z Curv	ed Arra	ay		1 641 - h	
Intended Us		asoun	d imag	ging or	fluid fl	ow analy	sis of the num	an
michaea ee	body as follow	s:						
Clinica	Application			1	Mode o	f Opera	tion	
	Specific					Color	Combined	Other
General (Track I only)	(Tracks I & III)	В	М	PWD_	CWD	Doppler	(Spec.)	(Spec.)
	Ophthalmic							
Ophthalmic	Opridianne						B+M; B+PWD;	
	Fetal	N	N	N	!	N	B+CD	Note 1
	ı etai						B+M; B+PWD;	
	Abdominal	N	N	N_		<u>N</u>	B+CD	Note 1
	Intra-operative						D. M. D. D. S.	
	(Abdominal organs and				1		B+M; B+PWD;	Note 1
	vascular)	N_	N_	N_	<u> </u>	N_	B+CD	Note
	Intra-operative (Neuro.)				<u> </u>	<u> </u>		
Fetal Imaging	Laparoscopic			ļ		 	B+M; B+PWD;	
			Ì			1	B+M, B+PVD,	Note 1
& Other	Pediatric	N	N	N	_	N N	B+00	11010 1
	Small Organ (breast,			1		1		
	thyroid, testicles.)		<u> </u>	<u> </u>	 		 	
	Neonatal Cephalic		<u> </u>	<u> </u>	 		 	
	Adult Cephalic		 	 -		 		
	Trans-rectal		 _	ļ	 -	 	"	
	Trans-vaginal		 	 	 	-		
	Trans-urethral		 		+		 	
	Trans-esoph. (non-		1					
	Card.)		 	+	 	 	B+M; B+PWD;	
	Musculo-skel.	N	N	N		N	B+CD	Note 1
	(Convent.) Musculo-skel.	- '' -	 ``	+ ''-	1 -	- 1		
	(Superfic.)	1			1		<u> </u>	
	Intra-luminal	 	 	1				
	Other (spec.)	1	 	1				
	Cardiac Adult	 	 					
		 	+	+				
Cardiac	Cardiac Pediatric	 	+	+	+			
	Trans-esophageal (card.)	1						
	Other (spec.)	1-	+		1			
	Other (spec.)	+-	+-	+			B+M; B+PWD;	
Daniel and	Peripheral vessel	N	l N	N	1	N	B+CD	Note
Peripheral Vessel	Other (spec.)	 '``	+	 				<u> </u>

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D tmaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures was previously cleared in 510(k) K030949.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number ____

Table 4.3- 7 Diagnostic Ultrasound Indications for Use Form - C60e/5-2 Transducer

							20.0====	
System:	SonoSite High	-Resc	olution	Ultraso	ouna S	ystem (C	3 Series)	
Transducer:	C60e/5-2 5.0-2	2.0 MI	Hz Cu	rved Ar	ray			
Intended Us		asour	nd ima	ging or	fluid fl	ow analy	sis of the hun	nan
michaea ee	body as follow			3 3		•		
		J.		-		40	4:	
Clinica	l Application			· · · · · · · · · · · · · · · · · · ·	node c	f Opera		
General	Specific			İ		Color	Combined	Other
(Track I only)	(Tracks I & III)	В	М	PWD	CWD	Doppler	(Spec.)	(Spec.)
Ophthalmic	Ophthalmic							
				T"			B+M; B+PWD;	
	Fetal	N	N	N		N	B+CD	Note 1
							B+M; B+PWD;	31-4- A
	Abdominal	N	N	N_	ļ	N	B+CD	Note 1
	Intra-operative		ł				B+M; B+PWD;	
	(Abdominal organs and					N.	B+M; B+PVVD; B+CD	Note 1
	vascular)	N	N_	N	ļ	N N	BTCD	Note i
	Intra-operative (Neuro.)			 	 			
Fetal Imaging	Laparoscopic			 	 	-	B+M; B+PWD;	
0.045	Pediatric	N	N	N	ļ	l N	B+CD	Note 1
& Other	Small Organ (breast,			 ''	 	- ''		
	thyroid, testicles.)							
	Neonatal Cephalic		·	<u> </u>				
	Adult Cephalic				1			
<u> </u>	Trans-rectal							
	Trans-vaginal							
	Trans-urethral				Ī			
	Trans-esoph. (non-							
	Card.)							
	Musculo-skel.						B+M; B+PWD;	l
	(Convent.)	N	N	N N	ļ	N	B+CD	Note 1
	Musculo-skel.				Ì			
	(Superfic.)		↓	ļ .				
	Intra-luminal		1		1	-	_	
	Other (spec.)		ļ	ļ	 			
	Cardiac Adult				ļ	<u> </u>		
Cardiac	Cardiac Pediatric			1	ļ	_		
	Trans-esophageal				1			
	(card.)			 	 	-	 	
	Other (spec.)			-	 	ļ		ļ
				l			B+M; B+PWD;	Note 4
Peripheral	Peripheral vessel	N_	N	N_	-	N N	B+CD	Note 1
Vessel	Other (spec.)	<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>		<u> </u>

Additional Comments:

Note 1. Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures was previously cleared in 510(k) K030949.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number _

Table 4.3- 8 Diagnostic Ultrasound Indications for Use Form - HFL38/12-5 Transducer

	0.000	Door	lution	Liltrace	aund S	vetem (C	3 Series)	
System:	SonoSite High	-Reso	dution	Ulliasc	SOU TEST	yatem (C	75 Octios/	
Transducer:	HFL38/12-5 12.	U-5.U I	VIHZ LI	near Ai	ray IIai	ISuucei		
Intended Us	e: Diagnostic ultra	asoun	id ima	ging or	fluid the	ow analy	sis of the num	ıarı
	body as follow	s:						
Clinica	Application			ħ	Node o	f Opera		
General	Specific					Color	Combined	Other
(Track I only)	(Tracks I & III)	В	М	PWD	CWD	Doppler	(Spec.)	(Spec.)
Ophthalmic	Ophthalmic							
	Fetal						- 11 - 511-	
				N	1	N	B+M; B+PWD; B+CD	Note 1
	<u>Abdominal</u>	N_	N	<u> </u>		<u> </u>	B.00	11010 1
	Intra-operative			}			B+M; B+PWD;	
	(Abdominal organs and vascular)	N	N	N		N	B+CD	Note 1
	Intra-operative (Neuro.)			1				
Fetal Imaging	Laparoscopic							
retai imaging	Laparoscopic				1		B+M; B+PWD;	
& Other	Pediatric	N	N	N	<u>L</u>	N _	B+CD	Note 1
	Small Organ (breast,						B+M; B+PWD;	
	thyroid, testicles)	N	N	N	ļ	N	B+CD	Note 1
	Neonatal Cephalic				ļ			
	Adult Cephalic			ļ	<u> </u>		ļ	
	Trans-rectal			 _	 	·	<u> </u>	
	Trans-vaginal		<u> </u>	 	 			
	Trans-urethral		 	<u> </u>	 	 	-	
	Trans-esoph. (non-							
	Card.)		 		 	 	B+M; B+PWD;	
	Musculo-skel. (Convent.)	N	l N	N		N	B+CD	Note 1
	Musculo-skel.		1	 ''			B+M; B+PWD;	-
	(Superfic.)	N	N	N		N_	B+CD	Note 1
	Intra-luminal		<u> </u>	1				
	Other (spec.)							
	Cardiac Adult							
Cardiac	Cardiac Pediatric							
Odiolog	Trans-esophageal							
•	(card.)					ļ		
	Other (spec.)							-
Peripheral	Peripheral vessel	N	N	N		N	B+M; B+PWD; B+CD	Note
Vessel	Other (spec.)	l ———	 	1.	1	T		<u> </u>

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Includes imaging to assist in the placement of needles and catheters in vascular or other anatomical structures and an expanded intended use for imaging guidance for peripheral nerve block procedures.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal, and Radiological Devices 510(k) Number

Table 4.3- 9 Diagnostic Ultrasound Indications for Use Form – HST/10-5 Transducer

System:	SonoSite High-Resolution Ultrasound System (C3 Series)								
System:		1-5 O M	MHzli	near A	rray Tr	ansduce	r		
Transducer:		-5.0 10	d ima	aina or	fluid fl	ow analy	sis of the hum	nan	
ntended Us	e: Diagnostic uiti	asoun	o ima	ying or	nuiu ii	OW allaij	315 61 4116 11411		
	body as follow	<u>s:</u>					41		
Clinica	l Application			<u> </u>	Node c	f Opera		O#	
General	Specific				l	Color	Combined	Other (Spec.)	
(Track I only)	(Tracks I & III)	В	M	PWD	CWD	Doppler	(Spec.)	(Spec.)	
Ophthalmic	Ophthalmic								
Ophichamine	Fetal								
	Abdominal								
	Intra-operative						D. M. D. D. M.D.		
•	(Abdominal organs and		1 .				B+M; B+PWD;	Note 1	
	` vascular)	N	N	N_	 	N	B+CD	More I	
	Intra-operative (Neuro.)			 	ļ 	 			
Fetal Imaging	Laparoscopic			 	 	 -	B+M; B+PWD;		
					1	N	B+CD	Note 1	
& Other	Pediatric	N.	N	N N	 	 	B+M; B+PWD;	11010 1	
	Small Organ (breast,	١.,	١.,	N		N	B+CD	Note 1	
	thyroid, testicles.)	<u>N</u>	N	N	 		B:08		
	Neonatal Cephalic		├	 	 				
	Adult Cephalic	!	ļ	 	 	 			
	Trans-rectal		<u> </u>	 	 				
	Trans-vaginal			┧	 	 	<u> </u>		
	Trans-urethral		ļ. —	 		 			
	Trans-esoph. (non-				1			<u></u>	
	Card.) Musculo-skel.	 	ļ—.	 	\top		B+M; B+PWD;		
	(Convent.)	N	N	N		N	B+CD	Note 1	
	Musculo-skel.	 	· · · ·				B+M; B+PWD;	1	
	(Superfic.)	l N	l N	N		N	B+CD	Note 1	
	Intra-luminal	<u> </u>	 						
	Other (spec.)								
	Cardiac Adult						<u> </u>	ļ	
Cardiac	Cardiac Pediatric	1						1	
Caldiac	Trans-esophageal								
	(card.)	1	<u> </u>				ļ		
	Other (spec.)								
							B+M; B+PWD;		
Peripheral	Peripheral vessel	N_	N	N		N	B+CD	Note 1	
Vessel	Other (spec.)						1		

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number

Table 4.3- 10 Diagnostic Ultrasound Indications for Use Form – HST/12-7 Transducer

System:	SonoSite High	-Reso	lution	Ultraso	ound S	ystem (C	3 Series)	
Transducer:	HST/12-7 12 (1-7 N N	AHz Li	near A	rrav Tr	ansduce	r	
ntended Us		asoun	d ima	ging or	fluid flo	ow analy	sis of the hum	ian
iliteliaea Os	body as follow	c.		•				
		<u>J.</u>			lodo o	f Opera	tion	
Clinica	I Application			<u> </u>	noue c	Color	Combined	Other
General	Specific	_		PWD	cwp	Doppler	(Spec.)	(Spec.)
(Track I only)	(Tracks I & III)	В	М	PVVD	CVVD	Doppiei	(Opcc.)	(Op00./
Ophthalmic	Ophthalmic					ļ		
	Fetal				ļ	<u> </u>	-	
	Abdominal							
	Intra-operative						B+M; B+PWD;	
	(Abdominal organs and		١			NI NI	B+M, B+PVVD,	Note 1
	vascular)	N	N	N	 	N -	B+CD	14016
	Intra-operative (Neuro.)					ļ. ———	 	
Fetal Imaging	Laparoscopic				 	 	B+M; B+PWD;	
			!			l N	B+CD	Note 1
& Other	Pediatric	_N	N.	N		IN IN	B+M; B+PWD;	14010 1
	Small Organ (breast,		ļ			N	B+CD	Note 1
	thyroid, testicles.)	N	N	N_	 	1 1	1	11010 1
	Neonatal Cephalic		ļ	 	 	 	·	
	Adult Cephalic		<u> </u>		<u> </u>	ļ.——	 	
	Trans-rectal		ļ	 	-		 	
	Trans-vaginal		<u> </u>			 		
	Trans-urethral		ļ	 		 		 -
	Trans-esoph. (non-		}					
	Card.)		 		+ $-$	 	B+M; B+PWD;	
	Musculo-skel.	N.	l N	l N		l N	B+CD	Note 1
	(Convent.)	N	IN.	'N	 	+-'	B+M; B+PWD;	
	Musculo-skel.	N	N	l N		N	B+CD	Note 1
	(Superfic.)	<u> N</u>	IN.	 	 	 	 	
	Intra-luminal		 	+	+	+	1	
	Other (spec.)	 		+	+		<u> </u>	
	Cardiac Adult		 	+	-	 	<u> </u>	
Cardiac	Cardiac Pediatric	I	1	Į	1			
	Trans-esophageal			1				
	(card:)	 	 		+		 	
	Other (spec.)	₩-	+		+	+	B+M; B+PWD;	
			l ki	N		N	B+CD	Note
Peripheral	Peripheral vessel	N_	N N	 	+		1	T
Vessel	Other (spec.)	<u>L</u>						

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and Imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number ___

Table 4.3- 11 Diagnostic Ultrasound Indications for Use Form – HST/12-8 **Transducer**

Transducer		_					2 Coring)	
System:	SonoSite High	-Reso	<u>lution</u>	Ultraso	ound S	ystem (C	3 Series)	
Transducer:	HST/12-8 12 0	-8 O M	MHz Li	near A	rrav Tr	ansduce	r	
Intended Us		asoun	d ima	aina or	fluid flo	ow analy	sis of the hum	an
interiaea os	body as follow	c.		JJ		•		
		<u>s. </u>			4 - 4	<u> </u>	tion.	
Clinical	Application			<u>, , , , , , , , , , , , , , , , , , , </u>	vode o	f Opera		Other
General	Specific	_ 1		51455	CWD	Color Doppler	Combined (Spec.)	(Spec.)
(Track I only)	(Tracks I & III)	В	M	PWD	CVVD	Dopplei	(Spec.)	(Opco.)
Ophthalmic	Ophthalmic							
	Fetal				·	<u> </u>		
	Abdominal				<u> </u>			
	Intra-operative						B+M; B+PWD;	
	(Abdominal organs and					1	B+M, B+PVVU,	Note 1
	vascular)	<u>N</u>	N	N		N .	B+CD	140te 1
	Intra-operative (Neuro.)			<u> </u>	↓	 		
Fetal Imaging	Laparoscopic			<u> </u>	 	 	B+M, B+PWD;	
			١	١.,		l N	B+CD	Note 1
& Other	Pediatric	N	N	N_	 	 	B+M; B+PWD;	11010 .
	Small Organ (breast,		ļ			l N	B+CD	Note 1
	thyroid, testicles.)	N	N	N		 	B,00	11010 1
	Neonatal Cephalic			-		-		
	Adult Cephalic		}		 			
	Trans-rectal		ļ. ——-	 	- 			
	Trans-vaginal		<u> </u>	ļ	-		 	
	Trans-urethral		ļ		+		<u> </u>	
	Trans-esoph (non-		Ì		1	Į.		
	Card.)		 	 			B+M; B+PWD;	
	Musculo-skel.	N	l N	l N		N	B+CD	Note 1
	(Convent.)	- 14	 	+- '`-	 		B+M; B+PWD;	
	Musculo-skel. (Superfic.)	N	N	l N		N	B+CD	Note 1
	Intra-luminal	 ``	 ``	 				
	Other (spec.)	1	 	1	1			
				+				
	Cardiac Adult	 	1	 		 	 	
Cardiac	Cardiac Pediatric Trans-esophageal	I			ļ	1		1
	(card.)	1	1					<u> </u>
	Other (spec.)	 	+	+				
-	Other (spec.)	 -	+	+	 		B+M; B+PWD;	
Peripheral	Peripheral vessel	N	N	N		N	B+CD	Note 1
Vessel	Other (spec.)	I						<u> </u>

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices 510(k) Number _

Table 4.3- 12 Diagnostic Ultrasound Indications for Use Form – ICT/8-5 **Transducer**

System:	SonoSite High	-Resc	olution	Ultraso	ound S	ystem (C	C3 Series)	
Transducer:	ICT/8-5 8.0-5.0	SHM C	z Intr <u>a</u>	cavitary	/ Trans	ducer		
Intended Us		asour	nd ima	aina or	fluid fl	ow analy	sis of the hun	nan
miteriaea 05	body as follow			J -		•	,	
		<u>s.</u>				£ 0	4i a m	
Clinical	l Application				лоде с	f Opera		
General	Specific			,		Color	Combined	Other
(Track I only)	(Tracks I & III)	В	M	PWD	CWD	Doppler	(Spec.)	(Spec.)
Ophthalmic	Ophthalmic							
							B+M; B+PWD;	
	Fetal	N _	N .	N		N	B+CD	Note 1
	Abdominal							
	Intra-operative				1			
	(Abdominal organs and							
	` vascular)		<u></u>			<u> </u>		
	Intra-operative (Neuro.)			<u> </u>	<u> </u>	ļ		
Fetal Imaging	Laparoscopic		1	_	ļ			
& Other	Pediatric			ļ	ļ—	ļ		
	Small Organ (breast,				ļ			
	thyroid, testicles.)		ļ					
	Neonatal Cephalic		ļ		<u> </u>	ļ		
	Adult Cephalic		<u> </u>	ļ	 	<u> </u>	B+M; B+PWD;	
			١.,	١.,		N	B+M, B+PVVD,	Note 1
	Trans-rectal	N	N N	N	ļ	l N	B+M; B+PWD;	MOLE I
	-		N N	N		N	B+CD	Note 1
	Trans-vaginal	N	111	14	<u> </u>		B.00	110101
	Trans-urethral			ļ	 			ļ
•	Trans-esoph. (non- Card.)							
	Musculo-skel.		+	· · · · · · · · · · · · · · · · · · ·	 			
	(Convent.)				1			
	Musculo-skel.		 		 			
	(Superfic.)							
	Intra-luminal		1		<u> </u>			
	Other (spec.)			<u> </u>	1		<u> </u>	
	Cardiac Adult		1 		1	<u> </u>		
Cardiac	Cardiac Pediatric		1	1	1	1	1	
Cartilat	Trans-esophageal		1					
	(card.)		Į			1		
	Other (spec.)							
Peripheral	Peripheral vessel		 					
Vessel	Other (spec.)		1	1		1		

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures was previously cleared in 510(k) K030949.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number __

Table 4.3- 13 Diagnostic Ultrasound Indications for Use Form – LAP/10-5 Laparoscopic Transducer

System:	SonoSite High	-Res	olution	Ultrase	ound S	ystem (C	3 Series)	
Transducer:								er
Intended Us		260111	nd ima	aina or	fluid fl	ow analy	sis of the hur	nan
intended Us			iu iiiie	iging or	naid ii	on ana.,	Olo Of the fidi	
	body as follow	/S:				*		
Clinica	l Application				Mode c	f Opera	tion	
General	Specific					Color	Combined	Other
(Track I only)	(Tracks I & III)	В	M	PWD	CWD	Doppler	(Spec.)	(Spec.)
Ophthalmic	Ophthalmic							
	Fetal				<u> </u>			
	Abdominal			<u> </u>	ļ			
	Intra-operative				İ			
	(Abdominal organs and							
	vascular)		ļ	ļ				
	Intra-operative (Neuro.)		ļ	ļ			D. 14. D. DIAD.	
				١.,	Į.	N	B+M; B+PWD; B+CD	Note 1
Fetal Imaging	Laparoscopic	N	N.	N		I N	B+CD	Note
& Other	Pediatric (harant		 	 	 	 		
	Small Organ (breast,		ļ					
	thyroid, testicles.) Neonatal Cephalic			 	 			
	Adult Cephalic		┼	 		1		
	Trans-rectal		 	 	1			
	Trans-vaginal		· · · · · · · · · · · · · · · · · · ·					
	Trans-urethral			1	 			
	Trans-esoph. (non-		1					
	Card.)		·					
	Musculo-skel.				[
	(Convent.)			1				ļ. <u>.</u>
	Musculo-skel.							
	(Superfic.)		ļ		ļ	ļ		
	Intra-luminal		ļ	 	ļ	 		
	Other (spec.)		ļ	ļ	<u> </u>			
	Cardiac Adult		ļ	-	ļ	<u> </u>		
Cardiac	Cardiac Pediatric		ļ	1		 		
1	Trans-esophageal			1				
	(card.)			<u> </u>	ļ	1		
	Other (spec.)		+	 	+	 		<u> </u>
Peripheral	Peripheral vessel		-	ļ	1			
Vessel	Other (spec.)			1	!	.l		

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number ____

Table 4.3- 14 Diagnostic Ultrasound Indications for Use Form – L25/10-5 Transducer

System:	SonoSite High					ystem (0	C3 Series)	
Transducer:	L25/10-5 10.0							
Intended Us	e: Diagnostic ult	rasour	nd ima	aina or	fluid fl	ow anal	vsis of the hur	nan
111101111111111111111111111111111111111	body as follow			.55			,	
		13.					44	
Clinica	l Application			l,	vode c	f Opera		
General	Specific		-			Color	Combined	Other
(Track I only)	(Tracks I & III)	В	M	PWD	CWD	Doppler	(Spec.)	(Spec.)
Ophthalmic	Ophthalmic							
	Fetal							
	Abdominal	N	N			N	B+M; B+CD	Note 1
	Intra-operative							
	(Abdominal organs and				i			
	vascular)	N	N				B+M; B+CD	Note 1
	Intra-operative (Neuro.)			1				
Fetal Imaging	Laparoscopic			ļ	ļ			
						1	B+M; B+CWD;	
& Other	Pediatric	N	N		ļ	N	B+CD	Note 1
i	Small Organ (breast,		١.,				0.44 0.00	53-4-4
	thyroid, testicles)	N	N	ļ	-	N	B+M; B+CD	Note 1
	Neonatal Cephalic		ļ <u>-</u>	 				L
	Adult Cephalic			-				
	Trans-rectal			1	 	 		
	Trans-vaginal Trans-urethral			 	-			
.	Trans-esoph. (non-			 	 	+		
	Card.)							
	Musculo-skel.		 	1	1			
	(Convent.)	N	N			l N	B+M; B+CD	Note 1
	Musculo-skel.		1					
	(Superfic.)	N	N		1	N	B+M; ;B+CD	Note 1
	Intra-luminal				·			
	Other (spec.)							
	Cardiac Adult							
Cardiac	Cardiac Pediatric		1	1				
	Trans-esophageal							
	(card.)		<u> </u>					
	Other (spec.)							
Peripheral	Peripheral vessel	N	N			N	B+M; B+CD	Note 1
Vessel	Other (spec.)					<u> </u>		

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures was previously cleared in K030949. An expanded intended use for imaging guidance for peripheral nerve block procedures was previously cleared in K033367.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number __

Table 4.3- 15 Diagnostic Ultrasound Indications for Use Form - L38/10-5 Transducer

Transducei		_					20 O = ======	
System:	SonoSite High	-Reso	lution	Ultraso	ound S	ystem (C	3 Series)	
Transducer:	L38/10-5 10.0-5	.0 MH	z Linea	ır Array	Transo	lucer		
Intended Us		asoun	d ima	ging or	fluid flo	ow analy	sis of the hun	nan
intended 03	body as follow			. .		•		
		<u>. </u>			Anda o	f Opera	tion	
Clinica	l Application				noue c			Other
General	Specific			PWD	CWD	Color Doppler	Combined (Spec.)	(Spec.)
(Track I only)	(Tracks I & III)	В	M	PVVD	CVVD	Dobbiei	(Opco.)	(Opos./
Ophthalmic	Ophthalmic							
	Fetal					ļ	B+M; B+PWD;	
	Abdominal	N	N	· N_		N	B+CD	Note 1
	Intra-operative (Abdominal organs and vascular)	N	N	N_		N	B+M; B+PWD; B+CD	Note 1
	Intra-operative (Neuro.)				ļ	<u> </u>		
Fetal Imaging	Laparoscopic						D.M. D. DWD.	
& Other	Pediatric	N	N	N		N	B+M; B+PWD; B+CD	Note 1
	Small Organ (breast, thyroid, testicles)	N	N	N		N	B+M; B+PWD; B+CD	Note 1
	Neonatal Cephalic					<u> </u>		
	Adult Cephalic					ļ		
	Trans-rectal							
	Trans-vaginal		ļ					
	Trans-urethral					1		
	Trans-esoph. (non-		ł				,	
	Card.)			<u> </u>		 	B+M; B+PWD;	
	Musculo-skel. (Convent.)	N_	N	N		N_	B+CD	Note 1
	Musculo-skel. (Superfic.)	N	N	N		N	B+M; B+PWD; B+CD	Note 1
	Intra-luminal							
	Other (spec.)							
	Cardiac Adult							
Cardiac	Cardiac Pediatric		"					
00.000	Trans-esophageal (card.)							
	Other (spec.)		1					
Peripheral	Peripheral vessel	N	N	N		N	B+M; B+PWD; B+CD	Note 1
Vessel	Other (spec.)	- '' -		1		1	1	
A 62961	Otho: (opeo.)	J.,		<u> </u>				

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures was previously cleared in K030949. An expanded intended use for imaging guidance for peripheral nerve block procedures was previously cleared in K033367.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices
510(k) Number _____

Table 4.3- 16 Diagnostic Ultrasound Indications for Use Form - L38e/10-5 Transducer

System:	SonoSite High	-Reso	lution	Ultraso	ound S	ystem (C	3 Series)	***
Transducer:	L38e/10-5 10.0-	5.0 MI	Hz Line	ear Arra	y irans	ducer		
Intended Us		asoun	d ima	ging or	fluid flo	ow analy	sis of the hum	nan
interiaca 00	body as follow							
Clinica	Application	<u> </u>			lode o	f Opera	tion	
	Specific					Color	Combined	Other
General	(Tracks I & III)	в	М	PWD	CWD	Doppler	(Spec.)	(Spec.)
(Track I only)	Ophthalmic							
Ophthalmic								
	Fetal						B+M; B+PWD;	
	Abdominal	N	N	N		N	B+CD	Note 1
	Abdominal Intra-operative	14	!					
	(Abdominal organs and				1		B+M; B+PWD;	
	(Abdominal organs and vascular)	N	N	N		N	B+CD	Note 1
	Intra-operative (Neuro.)							
Fetal Imaging	Laparoscopic							
r etai iitiaging	Capaiocopio						B+M; B+PWO;	
& Other	Pediatric	N	N	N		N	B+CD	Note 1
d Other	Small Organ (breast,						B+M; B+PWD;	
	thyroid, testicles)	N	N	N		N N	B+CD	Note 1
	Neonatal Cephalic							
	Adult Cephalic					ļ		
	Trans-rectal			1			ļ	
	Trans-vaginal		<u> </u>		1			
	Trans-urethral		ļ	<u> </u>				<u> </u>
	Trans-esoph. (non-		i					
	Card.)		ļ	-			B+M; B+PWD;	
	Musculo-skel.		1	١.,		N	B+M; B+PVD,	Note
	(Convent.)	N	N N	N		N	B+M; B+PWD;	14000
	Musculo-skel.		, Li	N	1	N	B+CD	Note
	(Superfic.)	N	N_	IN IN		- 14	5,05	1
	Intra-luminal		 	 		1	 	— —
	Other (spec.)	<u> </u>	_	+		 		
	Cardiac Adult		_		 	 	 	 -
Cardiac	Cardiac Pediatric	}		 	 		 	├
	Trans-esophageal]						1
	(card.)	 -				 		†
	Other (spec.)		-	_		 	B+M; B+PWD;	
Peripheral	Peripheral vessel	N	N	N		N	B+CD	Note
Vessel	Other (spec.)			<u> </u>	<u> </u>			<u> </u>

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Includes imaging to assist in the placement of needles and catheters in vascular or other anatomical structures and imaging guidance for peripheral nerve block procedures.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Hadrological Devices 510(k) Number ___

Table 4.3- 17 Diagnostic Ultrasound Indications for Use Form – L52/10-5 Transducer

ransducer							<u> </u>	
System:	SonoSite High	-Reso	lution	Ultraso	ound S	ystem (C	C3 Series)	
Transducer:								
Intended Us		asoun	d ima	aina or	fluid fl	ow analy	sis of the hun	nan
intended 03	body as follow			a			, 0.0	
		5.				50	Ai	
Clinica	l Application				viode c	f Opera		
General	Specific	_				Color	Combined	Other
(Track I only)	(Tracks I & III)	В	M	PWD	CWD	Doppler	(Spec.)	(Spec.)
Ophthalmic	Ophthalmic							
							B+M; B+PWD;	41-1-4
	Fetal	N	N	N	ļ	N	B+CD	Note 1
				١		١.,	B+M; B+PWD;	Note 4
	Abdominal	N	N	N		N_	B+CD	Note 1
	Intra-operative				1		B+M; B+PWD;	
	(Abdominal organs and vascular)	N	N	N	1	N	B+CD	Note 1
	Intra-operative (Neuro.)	- N		17	-	- '	5.00	11010 1
Fetal Imaging	Laparoscopic				 	<u> </u>		
r etai imaging	Laparoscopic			<u> </u>			B+M; B+PWD;	
& Other	Pediatric	N	N	N		N	B+CD	Note 1
a outer	Small Organ (breast,			1	1		B+M; B+PWD;	
	thyroid, testicles.)	N	N	N		N	B+CD	Note 1
	Neonatal Cephalic							
	Adult Cephalic			<u> </u>		ļ		ļ -
	Trans-rectal			ļ		ļ		
	Trans-vaginal				ļ			****
	Trans-urethral			ļ	ļ	ļ		
	Trans-esoph. (non-				ļ	-		
	Card.)			 	 	-	B+M; B+PWD;	
	Musculo-skel.	N	N	l N		N	B+CD	Note 1
	(Convent.) Musculo-skel.	IN	<u>'\</u>	14	 	1	B+M; B+PWD;	14010 1
	(Superfic.)	N	N	N		N	B+CD	Note 1
	Intra-luminal	<u>``</u>	- '`-	† 				
	Other (spec.)			 		 		
	Cardiac Adult							l
Cardiac	Cardiac Pediatric			1	1	1	1	
Caraido	Trans-esophageal					1		
	(card.)		l		<u> </u>			
	Other (spec.)							
							B+M; B+PWD;	
Peripheral	Peripheral vessel	N	N	N		N	B+CD	Note 1
Vessel	Other (spec.)				1			

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures was previously cleared in K030949.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices 510(k) Number _____

Table 4.3- 18 Diagnostic Ultrasound Indications for Use Form – L52-S/10-5 Transducer

System:	SonoSite High	-Resc	lution	Ultrase	ound S	ystem (0	C3 Series)	
Transducer:	L52-S/10-5 10	.0-5.0	MHz	Linear	Array			
Intended Us						ow analy	sis of the hun	nan
milenaea os	body as follow			99 0.		• · · · · · · · · · · · · · · · · · · ·	70.0 0	
		5.		_				
Clinica	I Application			<u> </u>	Mode o	f Opera		
General	Specific			21.5	0145	Color	Combined	Other
(Track I only)	(Tracks I & III)	В	М	PWD	CWD	Doppler	(Spec.)	(Spec.)
Ophthalmic	Ophthalmic							
							B+M; B+PWD;	
	Fetal	N	N	N		N	B+CD	Note 1
					ļ	١.,	B+M; B+PWD;	31-4-4
	Abdominal	N	N	N		N N	B+CD_	Note 1
	Intra-operative			1			D.M. D. MAD.	
	(Abdominal organs and		NI.	1		N	B+M; B+PWD; B+CD	Note 1
	. vascular)	N	N	N	-	N	B+CU	Note i
Catallananian	Intra-operative (Neuro.)			 	-			-
Fetal Imaging	Laparoscopic	:			ļ	 	B+M; B+PWD;	
0 Othor	Pediatric	N	N	N		N	B+CD	Note 1
& Other	Small Organ (breast,	IN	14	14		11	B+M; B+PWD;	140(6-1
	thyroid, testicles.)	N	N	N		N	B+CD	Note 1
	Neonatal Cephalic		- 14	· · · · · · · · · · · · · · · · · · ·	 	- '\	5.05	Hote I
	Adult Cephalic		-	 		1		
	Trans-rectal			+			-	
	Trans-vaginal							
	Trans-urethral				 	<u> </u>	, , , , , , , , , , , , , , , , , , , ,	
	Trans-esoph. (non-					 		
	Card.)							
	Musculo-skel.						B+M; B+PWD;	
	(Convent.)	N	N	N		N	B+CD	Note 1
	Musculo-skel.		1				B+M; B+PWD;	
	(Superfic.)	N	N	N		N	B+CD	Note 1
	Intra-luminal							
	Other (spec.)							
	Cardiac Adult			1				
Cardiac	Cardiac Pediatric							
	Trans-esophageal				1			_
	(card.)			1				
	Other (spec.)							
			ĺ				B+M; B+PWD;	
Peripheral	Peripheral vessel	N	N	N		N	B+CD	Note 1
Vessel	Other (spec.)		L	1				

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number ____

Table 4.3- 19 Diagnostic Ultrasound Indications for Use Form - MPT/7-4 Trans-Esophageal Echocardiography Transducer

System:		SonoSite High-Resolution Ultrasound System (C3 series)								
Transducer:		MPT/7-4 7.0-4.0 MHz Trans-esophageal Echocardiography Transducer								
Intended Use:		Diagnostic ultrasound imaging or fluid flow analysis of the human body as follows:								
Clinical Application		cation	Mode of Operation							
		pecific ks I & III)	В	M	PWD	CWD	Color Doppler	Combined (Spec.)	Other (Spec.)	
Ophthalmic	Opt	Ophthalmic								
	<u> </u>	etal								
	Abo	iominal								
	Intra-operative (Abdominal organs and vascular)									
	Intra-oper	ative (Neuro.)								
Fetal Imaging	Laparoscopic									
& Other									-	
		gan (breast, , testicles.)								
	Neonatal Cephalic									
	Adult	Cephalic								
	Trar	ns-rectal								
	Tran	s-vaginal								
	Trans-urethral									
	Trans-esor	oh. (non-Card.)								
	Musculo-skel. (Convent.)									
	Musculo-s	kel. (Superfic.)								
	Intra-luminal			,						
	Othe	r (spec.)								
	Cardiac Adult									
Cardiac	Cardia	c Pediatric								
	Trans-eso	ohageal (card.)	N	N	N	N	N	B+M; B+PWD; B+CWD; B+CD	Note 1	
		er (spec.)				<u> </u>				
Peripheral	Peripheral vessel					ļ				
Vessel	Othe	er (spec.)	l	l						

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number __

Table 4.3- 20 Diagnostic Ultrasound Indications for Use Form – P/4-2 Phased Array Transducer

System:	SonoSite High-Resolution Ultrasound System (C3 series)
Transducer:	P/4-2 4.0-2.0 MHz Phased Array Transducer
Intended Use:	Diagnostic ultrasound imaging or fluid flow analysis of the human body
	as follows:

			Mode of Operation							
Clinical Application			Mode of Operation							
General (Track I only)	Specific (Tracks I & III)	В	М	PWD	CWD	Color Doppler	Combined (Spec.)	Other (Spec.)		
Ophthalmic	Ophthalmic									
	Fetal	N	N	N		N	B+M; B+PWD B+CD	Note 1		
	Abdominal	N	N_	N	N	N_	B+M; B+PWD; B+CWD; B+CD	Note 1		
	Intra-operative (Abdominal organs and vascular)	N	N	N		N	B+M; B+PWD B+CD	Note 1		
	Intra-operative (Neuro.)			<u> </u>	ļ					
Fetal Imaging	Laparoscopic				_					
& Other	Pediatric	N	N	N	ļ	N	B+M; B+PWD	Note 1		
	Small Organ (breast, thyroid, testicles.)	N	N	N		N_	B+M; B+PWD B+CD	Note 1		
	Neonatal Cephalic	N	N	N_	<u> </u>	N	B+M; B+PWD B+CD	Note 1		
	Adult Cephalic	N	N	N	<u> </u>	N	B+M; B+PWD; B+CD	Note 1		
	Trans-rectal			ļ . <u></u>	<u> </u>	<u> </u>				
	Trans-vaginal					ļ		<u> </u>		
	Trans-urethral			ļ	ļ	_				
	Trans-esoph. (non-Card.)				ļ <u> </u>					
	Musculo-skel. (Convent.)	N	N	N	ļ <u>-</u>	N_	B+M; B+PWD B+CD	Note 1		
	Musculo-skel. (Superfic.)									
	Intra-luminal			1	<u> </u>					
	Other (spec.)					<u> </u>				
	Cardiac Adult	N	N	N	N	N	B+M; B+PWD; B+CWD; B+CD	Note 1		
Cardiac	Cardiac Pediatric	N	N	N	N	N	B+M; B+PWD; B+CWD; B+CD	Note 1		
	Trans-esophageal (card.)	L	<u> </u>							
	Other (spec.)			<u> </u>		<u> </u>				
Peripheral	Peripheral vessel	N	N	N		N	B+M; B+PWD; B+CD	Note 1		
Vessel	Other (spec.)		<u> </u>	<u> </u>	<u> </u>					

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. This submission includes imaging to assist in the placement of needles and catheters in vascular or other anatomical structures.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number of 905 pages

Section 4.3

Indications for Use

Table 4.3- 21 Table 4.3- 20 - Diagnostic Ultrasound Indications for Use Form - P/7-4 Phased Array Transducer Intended Use Form

System:		SonoSite Hi	gh-F	Resolu	ıtion U	<u>Itraso</u>	and Sys	tem (C3 series)		
Transducer: Intended Use:		P/7-4 7.0-4.0 MHz Phased Array Transducer Diagnostic ultrasound imaging or fluid flow analysis of the human body								
		as lollows.								
Clinical Application		Mode of Operation								
General (Track I only)		pecific ks I & III)	В	М	PWD	CWD	Color Doppler	Combined (Spec.)	Other (Spec.)	
Ophthalmic	Opt	Ophthalmic								
	Fetal		N	N	N		N	B+M; B+PWD B+CD	Note 1	
	Abdominal		N	N_	N_	N	N	B+M; B+PWD; B+CWD; B+CD	Note 1	
	Intra-operative (Abdominal organs and vascular)		N	N	N		N_	B+M; B+PWD B+CD	Note 1	
	Intra-oper	Intra-operative (Neuro.)								
Fetal Imaging	Fetal			· <u></u>						
& Other	Pediatric		N	N	N		N	B+M; B+PWD	Note 1	
		Small Organ (breast, thyroid, testicles.)		N	N		N	B+M; B+PWD B+CD	Note 1	
		Neonatal Cephalic		N	N		N	B+M; B+PWD B+CD	Note 1	
	Adult Cephalic		N N	N	N		N	B+M; B+PWD; B+CD	Note 1	
	Trans-rectal				ļ	_	ļ <u>.</u>			
	Trans-vaginal				ļ <u>-</u>		<u> </u>			
	Trans-urethral					<u> </u>	<u> </u>			
	Trans-esoph. (non-Card.)									
	Musculo-skel. (Convent.)		N	N_	N	ļ	N	B+M; B+PWD B+CD	Note 1	
	Musculo-skel. (Superfic.)				<u> </u>		 			
	Intra-luminal				<u> </u>	<u> </u>				
	Other (spec.)				<u> </u>	<u> </u>	<u> </u>			
		diac Adult	N	N	N	N	N	B+M; B+PWD; B+CWD; B+CD	Note 1	
Cardiac		Cardiac Pediatric		N	N	N	N N	B+M; B+PWD; B+CWD; B+CD	Note 1	
	Trans-esophageal (card.)		<u> </u>				1			
	1	Other (spec.)					<u> </u>			
Peripheral		heral vessel	N	N	N		N_	B+M; B+PWD; B+CD	Note 1	
Vessel	Oth	er (spec.)		<u> </u>		opondiy				

Additional Comments:

Note 1: Other includes Color Power Doppler, combined B and Color Power Doppler, 3-D Imaging, Tissue Harmonic Imaging, Tissue Doppler Imaging and imaging for guidance of biopsy. Color Doppler includes Velocity Color Doppler. Color Doppler can be combined with any imaging mode. This submission includes Imaging to assist in the placement of needles and catheters in vascular or other anatomical structures.

Prescription Use (Per 21 CFR 801.109)

(Division Sign-Off)

Division of Reproductive, Abdominal,

and Radiological Devices

510(k) Number _

Section 4.3